

Converting Colors

Decimal(12555751)

Have a look what the booklet for
Decimal(12555751) contains.

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Color

Decimal(12555751)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BF95E7 |
| RGB | 191, 149, 231 |
| RGB Percent | 75%, 58%, 91% |
| CMY | 0.2510, 0.4157, 0.0941 |
| CMYK | 0.17, 0.35, 0.00, 0.09 |
| HSL | 271°, 63%, 75% |
| HSV | 271°, 35%, 91% |
| XYZ | 46.6571, 38.3408, 80.5427 |
| YIQ | 170.9060, -1.2900, 34.4060 |

Conversions

Conversions Part 2

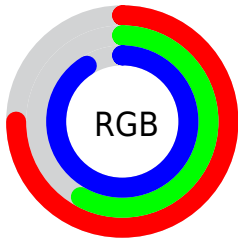
| Format | Color |
|-------------------------------------|---|
| RYB | 191, 149, 231 |
| Decimal | 12555751 |
| CIELab | 68.27, 31.19, -35.58 |
| CIELCh | 68, 47.315, 311.233 |
| Yxy | 38.3408, 0.2818, 0.2316 |
| Android (android.graphics.Color) | 4290745831 (0xFFBF95E7) |
| YUV | 170.9060, 29.6263, 17.6224 |
| Hunter-Lab | 61.9199, 26.1411, -33.7779 |

Details

The Decimal color **12555751** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12445589**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16305407**, and **8938159** is the 20% darker color. If you saturate the color by 10%, you get **11828967**, and if you desaturate by 10%, it is **13282535**.

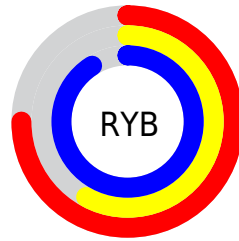
Distribution



Red (75%)

Green (58%)

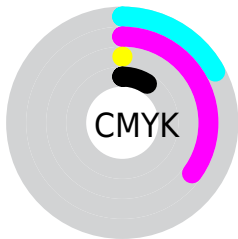
Blue (91%)



Red (75%)

Yellow (58%)

Blue (91%)

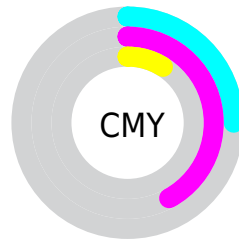


Cyan (17%)

Magenta (35%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (42%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12555751 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12555751 by changing the saturation by 10% instead.

12555751

12555751

16777215

10714059

16305407

8938159

16771327

7227796

5517946

3873633

2229321

852018

284

0

 12555751

 12555751

 11828967

 13282535

 11036647

 14074855

 10309863

 14801639

 9583079

 15528423

 8856295

 16252903

 8063719

 16777191

 7733479

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8234490



12555751



15239107

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12555751



14130005



48310

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12555751



12445589

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4438665



1255751



11643216

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1255751



15764592



8565860



47838

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12555751



16090022



8565860



48295

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12555751



15852543



9813735



7827328



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12555751



13275647



15177191



7169907



5963955



1703987

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15177149



16748999



9824149



7563117



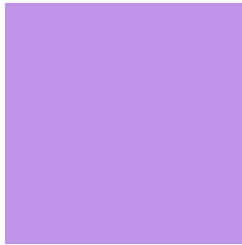
11731031



3342361

Previews

White Background



This preview shows how the Decimal color 12555751 looks on a white background.

Color Contrast Check

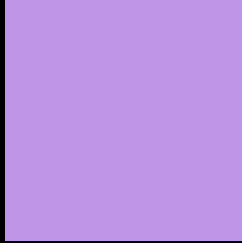
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12555751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

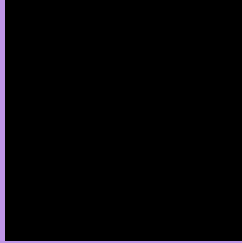
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 1255751 Background



This preview shows how black text looks on a background with the Decimal color 1255751.



This preview shows how white text looks on a background with the Decimal color 1255751.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
11903405

Trichromacy



Original Color
12555751



Protanomaly
10461167



Deuteranomaly
10788837



Tritanomaly
12164546

Monochromacy



Original Color
12555751



Achromatopsia
11250603



Achromatomaly
11707329

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12555751 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BF95E7 looks like.

```
.text, #text, p{  
  color:#BF95E7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BF95E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF95E7
}
```

Border

The CSS property to change the border of an element to Decimal 12555751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF95E7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BF95E7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BF95E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF95E7; -webkit-box-shadow:4px 4px  
4px 4px #BF95E7; box-shadow:4px 4px 4px  
4px #BF95E7 }
```

Background

The CSS property to change the background color of an element to Decimal 12555751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF95E7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BF95E7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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